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Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER *634-5131*

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 11, 1963

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ANIMAL RABIES TRENDS – Cases of rabies in animals thus far during 1963 are about 10 percent lower than for the same period last year. Except for New England, no major shifts in the geographic distribution of cases are apparent. In the New England States, where rabies has appeared for the first time in many years, cases of rabies have been reported from New Hampshire, Vermont, and Maine. These apparently represent an eastward extension of epidemic fox rabies from Canada.

Cumulative cases through the 19th week for 1959-1963, and total cases for the years 1959-1962 are shown in the table (right column).

No. of Cases	1963	1962	1961	1960	1959
Through 19th Week	1483	1623	1363	1591	1511
Total		3556*	3559	3567	4177

*Provisional

EQUINE INFLUENZA – An outbreak of respiratory disease among horses was reported this week from Maywood Park, Maywood, Illinois. Approximately 80 percent of the horses there were ill. Prominent clinical signs included coughing and temperatures of 102-105°F. The epidemic was characterized by high morbidity, a short incubation

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

Disease	19th Week			Cumulative First 19 weeks		
	Ended May 11, 1963	Ended May 12, 1962	Median 1958 - 1962	1963	1962	Median 1958 - 1962
Aseptic meningitis	17	22	---	410	353	---
Brucellosis	5	11	11	123	140	244
Diphtheria	2	6	9	107	183	275
Encephalitis, infectious	43	20	28	533	539	534
Hepatitis, infectious and serum	882	1,093	778	18,896	25,243	14,629
Measles	17,937	24,632	20,763	247,384	313,332	263,971
Meningococcal infections	54	42	46	1,131	940	1,046
Poliomyelitis, total	2	14	14	48	115	281
Paralytic	1	12	12	43	84	201
Nonparalytic	-	2	2	2	15	50
Unspecified	1	-	-	3	16	30
Streptococcal sore throat and Scarlet fever	6,984	7,428	---	176,901	160,470	---
Tetanus	4	-	---	72	53	---
Tularemia	1	2	---	71	89	---
Typhoid fever	7	6	16	132	146	191
Typhus fever, tick-borne, (Rocky Mountain spotted)	2	5	---	6	14	---
Rabies in Animals	105	85	76	1,483	1,623	1,590

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	1	Psittacosis: N.Y. - 1, Mich - 2.	24
Botulism:	5	Rabies in Man:	-
Malaria:	34	Smallpox:	-
Plague:	-	Typhus, murine:	3

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

APRIL 1963 AND APRIL 1962

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area April 1963 and April 1962 - Provisional Data

Reporting Area	April		Cumulative January - April	
	1963	1962	1963	1962
NEW ENGLAND	40	34	143	201
Maine	0	0	2	3
New Hampshire	1	0	3	2
Vermont	0	0	1	0
Massachusetts	21	28	70	141
Rhode Island	0	1	5	12
Connecticut	18	5	62	43
MIDDLE ATLANTIC	488	346	1,998	1,831
Upstate New York	54	33	191	192
New York City	255	155	1,126	994
Pa. (Excl. Phila.)	13	6	50	38
Philadelphia	66	83	268	264
New Jersey	100	69	363	343
EAST NORTH CENTRAL	172	120	655	568
Ohio	34	28	128	94
Indiana	5	1	17	25
Downstate Illinois	10	11	43	53
Chicago	72	64	298	276
Michigan	43	12	148	102
Wisconsin	8	4	21	18
WEST NORTH CENTRAL	47	21	159	112
Minnesota	5	3	27	15
Iowa	8	0	15	3
Missouri	17	13	62	55
North Dakota	3	0	3	1
South Dakota	2	3	7	15
Nebraska	5	0	21	4
Kansas	7	2	24	19
SOUTH ATLANTIC	445	484	2,003	1,874
Delaware	3	4	18	17
Maryland	36	41	166	177
District of Columbia	62	50	249	236
Virginia	25	48	104	164
West Virginia	3	1	18	11
North Carolina	63	54	293	202
South Carolina	35	80	217	247
Georgia	86	73	349	310
Florida	132	133	589	510
EAST SOUTH CENTRAL	132	97	487	379
Kentucky	10	4	34	43
Tennessee	24	26	140	106
Alabama	69	61	224	208
Mississippi	29	6	89	22
WEST SOUTH CENTRAL	218	219	904	884
Arkansas	26	24	74	57
Louisiana	59	90	207	383
Oklahoma	8	9	58	28
Texas	125	96	565	416
MOUNTAIN	45	26	162	116
Montana	0	0	0	0
Idaho	0	0	0	1
Wyoming	2	0	5	0
Colorado	0	6	15	17
New Mexico	10	2	36	21
Arizona	25	15	78	58
Utah	2	0	9	2
Nevada	6	3	19	17
PACIFIC	169	137	734	549
Washington	12	3	54	10
Oregon	4	7	14	17
California	152	126	658	516
Alaska	0	0	2	2
Hawaii	1	1	6	4
U. S. TOTAL	1,756	1,484	7,245	6,514
TERRITORIES	56	32	235	137
Puerto Rico	55	32	229	130
Virgin Islands	1	0	6	7

Note: Cumulative Totals include revised and delayed reports through previous months.

period and clinical illness lasting 3 to 5 days. On successive days, 30, 60 and 80 percent of the horses were ill. The track was closed May 13-16 due to a lack of competitors.

Similar disease outbreaks have been reported at race tracks in Florida, New York, Delaware, Kentucky, and Ohio. The disease has also appeared on horse farms in Maryland, Pennsylvania, and Ohio. The first outbreak was recognized in Miami, Florida, in late March. Currently at least three tracks are closed as a result of this disease. Drs. Michael Sigel and G. H. Waddell, University of Miami, report that an isolation from the Miami outbreak appears related to type A influenza virus. Dr. E. R. Doll, University of Kentucky, has investigated outbreaks at several of the tracks and feels this is a previously unknown disease in horses in this country; sera from affected horses cross react with influenza virus A_2/Japan 305 '57. Information received to date indicates that the disease is not transmitted from horses to man. Further investigations of these outbreaks are currently in progress.

(Reported by Drs. Sigel, Waddell and Doll; Dr. John Foley, Track Veterinarian, Maywood Park, Illinois; and by the following State Health Departments: Illinois (Dr. Franklin Yoder); Pennsylvania (Dr. Ernest Witte); New Jersey (Dr. James Nichols); Kentucky (Dr. Ronald Hectorne); Ohio (Dr. Paul Schnurrenberger); Delaware (Dr. Floyd Hudson).

EPIDEMIOLOGICAL REPORTS

Trichinosis – Wisconsin

Circumstances relating to the occurrence of trichinosis in a Wisconsin University graduate student provided a unique opportunity to demonstrate the source of the infection, contaminated pork chops.

About October 1, 1962, two graduate students who shared cooking facilities purchased two thick pork chops at a local market. Hasty preparation resulted in inadequate cooking of the chops. Both chops were sampled but then refrigerated. One of the students consumed one of the chops on the following day.

Three weeks later, he experienced anorexia and nausea without vomiting or diarrhea, followed by aching muscle pains in the chest and back, malaise, nonproductive cough, chills and fever to 103°. His eyelids became swollen and he developed severe, throbbing headaches and boring eye pain. He was admitted to the hospital on November 3. A trichinella skin test was positive; biopsy of the gastrocnemius muscle revealed *Trichinella spiralis*. He recovered uneventfully. The second student experienced similar but milder symptoms. His skin test was equivocally positive.

After discharge, the patient brought the remaining, now six-week old, pork chop to the State Laboratory of Hygiene. Microscopic examination revealed encysted *T. spiralis* in the meat.

(Reported in the State of Wisconsin Laboratory of Hygiene Newsletter.)

Salmonella Derby Infections In Hospitals

During the past six weeks an increase in the reporting of *Salmonella derby* isolations has been noted by the mechanism of routine *Salmonella* surveillance. Preliminary totals of *Salmonella* serotype identifications and total *Salmonella derby* identifications by month are shown in the accompanying table. Isolations of *S. derby* rose from an average of 20 to 30 per month (2.0 – 3.0 percent of all identifications reported) to 57 in April (4.7 percent) and to 50 (6.4 percent) during the first two weeks in May.

The increase in *S. derby* reporting has occurred primarily in the northeastern States, and preliminary epidemiologic investigation indicates that most isolations have been obtained from hospitalized patients. Investigations are currently underway in four New York City hospitals and three hospitals in Philadelphia. In addition, three other hospitals in New York State and one in Pennsylvania have reported *S. derby* isolations from hospitalized patients and several other reports in those areas are currently under investigation.

The largest total of isolations reported from any one hospital is 62 including 41 from patients with a history of febrile diarrhea and 21 from employees, only 5 of whom had symptoms. Most of the onsets of illness consistent with *Salmonella* infection have been recorded since March 10.

Intensive epidemiological investigations to detect a common source among hospital populations are currently underway by local, State and federal authorities.

(Reported by Dr. Harold Fuerst, Director, Bureau of Preventable Diseases, New York City Health Department; Dr. Robert Albrecht, Director, Office of Epidemiology, New York State Department of Health; Dr. Sylvan Fish, Chief, Communicable Disease Control, Philadelphia Department of Public Health; Dr. Wm. Schrack, Director, Division of Communicable Disease Control, Pennsylvania State Department of Health; and, a team from the Communicable Disease Center.)

SALMONELLA ISOLATIONS REPORTED, BY MONTH, TO THE SALMONELLA SURVEILLANCE UNIT, COMMUNICABLE DISEASE CENTER

Month	Total Identifications	S. Derby	Percent of Total
December 1962	794	16	2.0
January 1963	1,111	30	2.7
February 1963	1,059	22	2.1
March 1963	931	28	3.0
April 1963	1,217	57	4.7
May 1963 (1st two weeks)	780	50	6.4

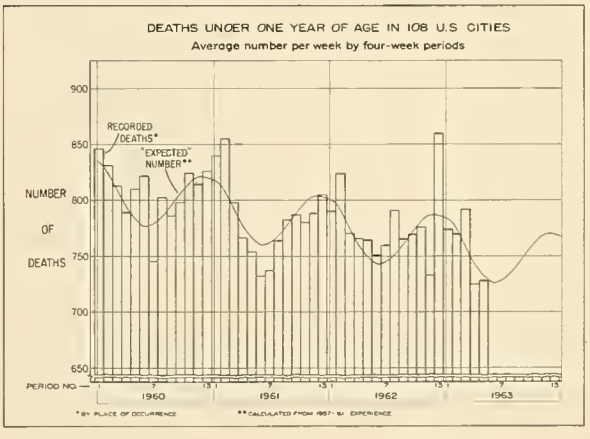
(Preliminary Figures)

INFANT DEATHS IN 108 CITIES

The weekly average number of infant deaths in 108 cities for the four-week period ending May 11 was 728 as compared with an expected weekly average of 733.

TOTAL DEATHS UNDER ONE YEAR OF AGE IN 108 CITIES

	WEEK ENDING				4 Week Total	Weekly Average
	4/20	4/27	5/4	5/11		
Observed	701	657	817	736	2,911	728
Expected	737	734	732	730	2,933	733
Excess	-36	-77	85	6	-22	-5



(See table, page 163)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

MAY 11, 1963 AND MAY 12, 1962

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	19th week		Cumulative First 19 weeks		19th week		Cumulative First 19 weeks		19th week		19th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES	2	14	48	115	1	12	43	84	-	2	17	22
NEW ENGLAND	-	-	-	1	-	-	-	1	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	-	1	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC	-	-	6	30	-	-	6	17	-	-	1	4
New York	-	-	4	30	-	-	4	17	-	-	-	4
New Jersey	-	-	1	-	-	-	1	-	-	-	-	-
Pennsylvania	-	-	1	-	-	-	1	-	-	-	1	-
EAST NORTH CENTRAL	1	-	12	10	-	-	10	6	-	-	4	3
Ohio	-	-	4	4	-	-	3	4	-	-	1	1
Indiana	1	-	1	3	-	-	-	2	-	-	-	-
Illinois	-	-	5	2	-	-	5	-	-	-	-	2
Michigan	-	-	2	-	-	-	2	-	-	-	3	-
Wisconsin	-	-	-	1	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL	-	-	1	7	-	-	1	4	-	-	2	-
Minnesota	-	-	-	1	-	-	-	1	-	-	2	-
Iowa	-	-	-	3	-	-	-	2	-	-	-	-
Missouri	-	-	1	3	-	-	1	1	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	1	1	6	10	1	1	5	8	-	-	1	-
Delaware	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	1	-	-	-	-	-	-	1	-
Virginia	1	-	1	2	1	-	1	2	-	-	-	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-	-
North Carolina	-	-	2	2	-	-	2	2	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	-	1	1	2	-	1	-	2	-	-	-	-
Florida	-	-	2	3	-	-	2	2	-	-	-	-
EAST SOUTH CENTRAL	-	-	3	3	-	-	2	2	-	-	-	-
Kentucky	-	-	-	1	-	-	-	1	-	-	-	-
Tennessee	-	-	1	1	-	-	1	-	-	-	-	-
Alabama	-	-	2	1	-	-	1	1	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL	-	8	11	35	-	7	11	31	-	1	3	2
Arkansas	-	-	-	1	-	-	-	1	-	-	-	-
Louisiana	-	-	9	5	-	-	9	5	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	8	2	29	-	7	2	25	-	1	3	2
MOUNTAIN	-	1	-	6	-	1	-	5	-	-	-	2
Montana	-	-	-	2	-	-	-	1	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	2
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	1	-	3	-	1	-	3	-	-	-	-
Utah	-	-	-	1	-	-	-	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	-	4	9	13	-	3	8	10	-	1	6	11
Washington	-	-	-	-	-	-	-	-	-	-	-	1
Oregon	-	-	1	-	-	-	1	-	-	-	-	-
California	-	4	8	13	-	3	7	10	-	1	6	10
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	2	5	-	-	2	5	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
MAY 11, 1963 AND MAY 12, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
							19th week					
	19th week	Cumulative 19 weeks	19th week	Cumulative 19 weeks	19th week		Under 20 yr.	20 & over	Total		19th week	
	1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962
UNITED STATES	5	123	2	107	43	20	484	335	882	1,093	17,937	24,632
NEW ENGLAND	-	-	-	4	5	2	49	30	80	56	794	3,286
Maine	-	-	-	-	-	-	32	13	45	14	15	308
New Hampshire	-	-	-	-	-	-	3	1	4	3	2	47
Vermont	-	-	-	-	-	-	-	-	-	1	48	105
Massachusetts	-	-	-	2	3	-	10	13	23	27	280	1,250
Rhode Island	-	-	-	2	2	2	-	-	1	2	141	232
Connecticut	-	-	-	-	-	-	4	3	7	9	308	1,344
MIDDLE ATLANTIC	-	4	2	19	10	2	95	75	170	132	2,313	5,571
New York	-	3	1	13	2	2	64	52	116	66	938	2,989
New Jersey	-	-	-	1	-	-	8	11	19	28	611	2,346
Pennsylvania	-	1	1	5	8	-	23	12	35	38	764	236
EAST NORTH CENTRAL	-	10	-	11	4	3	97	62	164	244	7,387	3,803
Ohio	-	-	-	-	-	-	24	16	40	69	602	654
Indiana	-	1	-	4	-	-	13	4	19	35	435	405
Illinois	-	8	-	3	3	3	23	19	45	57	840	1,074
Michigan	-	1	-	3	1	-	36	22	58	73	2,710	1,291
Wisconsin	-	-	-	1	-	-	1	1	2	10	2,800	379
WEST NORTH CENTRAL	2	88	-	30	4	-	17	12	35	60	703	513
Minnesota	-	7	-	15	2	-	5	3	11	6	239	78
Iowa	1	62	-	1	-	-	5	1	6	20	152	140
Missouri	-	4	-	1	-	-	3	4	7	19	112	99
North Dakota	-	-	-	1	1	-	-	-	-	4	195	162
South Dakota	1	4	-	8	-	-	2	-	2	4	2	-
Nebraska	-	5	-	4	-	-	-	-	3	3	3	34
Kansas	-	6	-	-	1	-	2	4	6	4	NN	NN
SOUTH ATLANTIC	-	2	-	19	8	2	45	44	104	141	1,874	1,376
Delaware	-	-	-	-	-	-	-	-	-	2	80	6
Maryland	-	-	-	-	1	-	2	1	3	13	71	96
District of Columbia	-	-	-	-	-	-	1	1	2	3	3	2
Virginia	-	-	-	-	1	1	12	11	29	31	769	340
West Virginia	-	-	-	1	-	-	13	9	27	17	638	547
North Carolina	-	1	-	1	-	-	9	11	20	32	85	19
South Carolina	-	-	-	3	-	-	-	1	1	9	112	55
Georgia	-	-	-	6	-	-	2	6	8	6	10	64
Florida	-	1	-	8	6	1	6	4	14	28	106	247
EAST SOUTH CENTRAL	-	3	-	9	2	-	56	18	75	167	1,034	1,824
Kentucky	-	-	-	-	-	-	14	5	20	51	551	285
Tennessee	-	2	-	2	-	-	31	4	35	48	311	1,349
Alabama	-	1	-	7	-	-	3	2	5	59	122	121
Mississippi	-	-	-	-	2	-	8	7	15	9	50	69
WEST SOUTH CENTRAL	-	8	-	13	-	2	38	24	62	62	723	2,944
Arkansas	-	2	-	1	-	-	1	-	1	12	13	137
Louisiana	-	-	-	2	-	-	12	3	15	10	4	1
Oklahoma	-	2	-	5	-	-	3	3	6	3	23	58
Texas	-	4	-	5	-	2	22	18	40	37	683	2,748
MOUNTAIN	2	4	-	1	-	1	8	3	45	61	1,320	2,066
Montana	-	-	-	-	-	1	2	-	3	3	53	648
Idaho	-	-	-	-	-	-	-	-	17	19	200	49
Wyoming	1	1	-	-	-	-	-	-	-	2	11	99
Colorado	-	-	-	-	-	-	1	1	5	15	185	582
New Mexico	-	-	-	1	-	-	4	-	4	9	NN	NN
Arizona	1	2	-	-	-	-	-	-	13	11	782	358
Utah	-	1	-	-	-	-	1	2	3	2	65	126
Nevada	-	-	-	-	-	-	-	-	-	-	24	204
PACIFIC	1	4	-	1	10	8	79	67	147	170	1,789	3,249
Washington	-	-	-	-	1	1	17	6	23	30	185	1,279
Oregon	1	1	-	-	1	-	9	11	20	30	185	774
California	-	3	-	1	8	7	48	48	96	105	1,169	1,142
Alaska	-	-	-	-	-	-	2	2	5	3	19	7
Hawaii	-	-	-	-	-	-	3	-	3	2	231	47
Puerto Rico	-	-	-	8	-	-	8	1	9	19	17	80

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED MAY 11, 1963 AND MAY 12, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	19th wk.	Cumulative 19 weeks	19th week		19th wk.	19th wk.	19th wk.	19th wk.	Cumulative 19 weeks	19th week		Cumulative 19 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES....	54	1,131	6,984	7,428	4	2	1	7	132	105	85	1,483
NEW ENGLAND.....	3	74	820	444	-	-	-	-	5	-	-	12
Maine.....	1	12	133	7	-	-	-	-	-	-	-	1
New Hampshire.....	-	2	4	2	-	-	-	-	-	-	-	7
Vermont.....	-	2	17	4	-	-	-	-	1	-	-	4
Massachusetts.....	2	36	136	90	-	-	-	-	3	-	-	-
Rhode Island.....	-	6	61	34	-	-	-	-	-	-	-	-
Connecticut.....	-	16	469	307	-	-	-	-	1	-	-	-
MIDDLE ATLANTIC.....	15	161	523	459	1	-	-	1	17	4	1	42
New York.....	8	75	334	267	1	-	-	1	13	3	1	31
New Jersey.....	-	23	85	94	-	-	-	-	1	-	-	-
Pennsylvania.....	7	63	104	98	-	-	-	-	3	1	-	11
EAST NORTH CENTRAL..	7	180	921	1,037	1	-	1	-	7	38	36	229
Ohio.....	2	52	123	52	-	-	-	-	2	33	20	137
Indiana.....	1	23	174	170	-	-	-	-	1	1	10	24
Illinois.....	1	23	160	408	1	-	1	-	2	3	2	31
Michigan.....	3	60	278	246	-	-	-	-	1	1	-	24
Wisconsin.....	-	22	186	161	-	-	-	-	1	-	4	13
WEST NORTH CENTRAL..	6	70	229	259	-	-	-	1	8	20	20	331
Minnesota.....	1	12	17	44	-	-	-	1	3	5	6	89
Iowa.....	-	3	89	48	-	-	-	-	1	11	8	122
Missouri.....	1	26	4	23	-	-	-	-	4	3	5	60
North Dakota.....	2	3	63	73	-	-	-	-	-	1	-	8
South Dakota.....	-	4	3	1	-	-	-	-	-	-	-	44
Nebraska.....	1	17	-	5	-	-	-	-	-	-	-	3
Kansas.....	1	5	53	65	-	-	-	-	-	-	1	5
SOUTH ATLANTIC.....	5	207	814	552	-	2	-	1	27	13	4	250
Delaware.....	-	1	8	4	-	-	-	-	1	-	-	-
Maryland.....	1	30	39	17	-	-	-	-	3	-	-	-
Dist. of Columbia..	-	4	1	1	-	-	-	-	-	-	-	-
Virginia.....	1	52	418	230	-	1	-	-	3	5	1	93
West Virginia.....	1	12	152	80	-	-	-	-	5	3	2	80
North Carolina.....	1	33	15	11	-	-	-	-	3	-	-	4
South Carolina.....	1	13	76	34	-	-	-	-	-	-	-	5
Georgia.....	-	11	2	1	-	1	-	-	2	2	-	23
Florida.....	-	51	103	174	-	-	-	1	10	3	1	45
EAST SOUTH CENTRAL..	2	99	892	979	-	-	-	2	13	5	9	121
Kentucky.....	-	29	87	80	-	-	-	-	2	2	3	56
Tennessee.....	2	41	779	801	-	-	-	-	7	3	6	54
Alabama.....	-	13	11	23	-	-	-	2	4	-	-	11
Mississippi.....	-	16	15	75	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL..	3	117	623	715	2	-	-	-	22	21	12	310
Arkansas.....	-	7	-	1	-	-	-	-	9	-	1	20
Louisiana.....	1	49	-	1	1	-	-	-	5	-	-	28
Oklahoma.....	-	22	24	13	-	-	-	-	2	3	-	29
Texas.....	2	39	599	700	1	-	-	-	6	18	11	233
MOUNTAIN.....	1	40	1,053	1,129	-	-	-	-	2	2	-	26
Montana.....	1	3	34	61	-	-	-	-	-	-	-	-
Idaho.....	-	3	92	150	-	-	-	-	-	-	-	-
Wyoming.....	-	1	50	80	-	-	-	-	-	-	-	-
Colorado.....	-	11	412	390	-	-	-	-	1	-	-	-
New Mexico.....	-	2	210	229	-	-	-	-	1	1	-	13
Arizona.....	-	6	145	159	-	-	-	-	-	1	-	13
Utah.....	-	11	100	54	-	-	-	-	-	-	-	-
Nevada.....	-	3	10	6	-	-	-	-	-	-	-	-
PACIFIC.....	12	183	1,109	1,854	-	-	-	2	31	2	3	162
Washington.....	2	15	418	650	-	-	-	-	-	-	-	-
Oregon.....	1	10	26	31	-	-	-	-	2	-	1	1
California.....	9	148	612	1,059	-	-	-	1	26	2	2	152
Alaska.....	-	5	39	71	-	-	-	1	1	-	-	9
Hawaii.....	-	5	14	43	-	-	-	-	2	-	-	-
Puerto Rico.....	-	4	21	5	-	-	-	2	5	-	-	5

Table 4 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	4/20	4/27	5/4	5/11
NEW ENGLAND:				
Boston, Mass.	14	11	15	15
Bridgeport, Conn.	1	3	1	2
Cambridge, Mass.	1	1	0	1
Fall River, Mass.	1	1	1	2
Hartford, Conn.	2	6	4	3
Lowell, Mass.	1	1	1	1
Lynn, Mass.	2	3	0	3
New Bedford, Mass.	1	2	0	0
New Haven, Conn.	1	1	1	1
Providence, R.I.	4	5	3	3
Somerville, Mass.	1	0	1	0
Springfield, Mass.	2	2	4	0
Waterbury, Conn.	3	1	0	0
Worcester, Mass.	2	2	3	2
MIDDLE ATLANTIC:				
Albany, N.Y.	3	2	3	6
Allentown, Pa.	1	2	3	1
Buffalo, N.Y.	8	12	11	12
Camden, N.J.	2	4	3	5
Elizabeth, N.J.	0	3	2	1
Erie, Pa.	4	0	2	2
Jersey City, N.J.	1	6	1	2
Newark, N.J.	6	6	8	3
New York City, N.Y.	73	78	70	83
Paterson, N.J.	5	3	8	4
Philadelphia, Pa.	21	21	44	22
Pittsburgh, Pa.	15	4	17	10
Reading, Pa.	1	2	4	0
Rochester, N.Y.	3	3	6	11
Schenectady, N.Y.	1	0	2	0
Scranton, Pa.	1	0	1	1
Syracuse, N.Y.	5	7	6	2
Trenton, N.J.	3	6	0	1
Utica, N.Y.	3	0	2	0
Yonkers, N.Y.	1	2	1	1
EAST NORTH CENTRAL:				
Akron, Ohio	4	4	5	5
Canton, Ohio	3	0	3	4
Chicago, Ill.	42	30	61	47
Cincinnati, Ohio	10	12	12	6
Cleveland, Ohio	21	6	26	11
Columbus, Ohio	9	15	15	7
Dayton, Ohio	5	5	5	4
Detroit, Mich.	16	32	43	17
Evansville, Ind.	5	1	0	6
Flint, Mich.	7	6	6	5
Fort Wayne, Ind.	4	4	1	2
Gary, Ind.	3	1	1	3*
Grand Rapids, Mich.	3	3	4	2
Indianapolis, Ind.	10	11	11	11
Madison, Wis.	3	3	3	2
Milwaukee, Wis.	6	4	6	24
Peoria, Ill.	4	4	5	3
Rockford, Ill.	1	1	0	3
South Bend, Ind.	6	2	1	3
Toledo, Ohio	1	2	3	8
Youngstown, Ohio	2	5	2	1
WEST NORTH CENTRAL:				
Des Moines, Iowa	2	3	1	5
Duluth, Minn.	2	4	0	4
Kansas City, Kans.	5	4	4	6
Kansas City, Mo.	7	6	8	12
Lincoln, Nebr.	2	2	1	1
Minneapolis, Minn.	5	5	5	7
Omaha, Nebr.	4	3	5	7
St. Louis, Mo.	14	7	15	14
St. Paul, Minn.	5	6	7	1
Wichita, Kans.	3	3	3	3
SOUTH ATLANTIC:				
Atlanta, Ga.	13	4	16	3
Baltimore, Md.	15	16	13	17
Charlotte, N.C.	4	3	6	5
Jacksonville, Fla.	7	4	9	6
Miami, Fla.	1	4	5	3
Norfolk, Va.	3	5	7	6
Richmond, Va.	10	6	15	4
Savannah, Ga.	4	4	3	5
St. Petersburg, Fla.	3	5	3	1
Tampa, Fla.	4	0	5	5
Washington, D.C.	12	8	13	10
Wilmington, Del.	7	2	5	5
EAST SOUTH CENTRAL:				
Birmingham, Ala.	8	7	13	5
Chattanooga, Tenn.	4	2	3	7
Knoxville, Tenn.	3	3	3	3
Louisville, Ky.	2	7	10	6
Memphis, Tenn.	7	12	11	8
Mobile, Ala.	3	6	6	1
Montgomery, Ala.	1	5	3	3
Nashville, Tenn.	7	3	5	6
WEST SOUTH CENTRAL:				
Austin, Tex.	1	3	2	4
Baton Rouge, La.	2	3	4	3
Corpus Christi, Tex.	4	3	1	4
Dallas, Tex.	9	13	17	11
El Paso, Tex.	3	3	4	4
Fort Worth, Tex.	9	2	5	8
Houston, Tex.	18	10	16	12
Little Rock, Ark.	5	3	2	2
New Orleans, La.	16	9	17	15
Oklahoma City, Okla.	9	6	7	3
San Antonio, Tex.	6	12	9	5
Shreveport, La.	8	10	9	2
Tulsa, Okla.	1	2	1	4
MOUNTAIN:				
Albuquerque, N. Mex.	1	4	3	6
Colorado Springs, Colo.	1	0	0	0
Denver, Colo.	8	8	9	14
Ogden, Utah.	1	0	0	1
Phoenix, Ariz.	3	9	5	10
Pueblo, Colo.	0	0	0	1
Salt Lake City, Utah.	6	4	5	2
Tucson, Ariz.	2	2	2	2
PACIFIC:				
Berkeley, Calif.	0	0	0	0
Fresno, Calif.	2	1	4	5
Glendale, Calif.	1	3	2	0
Honolulu, Hawaii.	9	6	4	9
Long Beach, Calif.	5	3	5	5
Los Angeles, Calif.	41	36	33	43
Oakland, Calif.	6	3	5	10
Pasadena, Calif.	0	2	3	2
Portland, Oreg.	8	6	9	4
Sacramento, Calif.	4	7	2	4
San Diego, Calif.	9	7	12	6
San Francisco, Calif.	6	6	8	12
San Jose, Calif.	3	7	4	4
Seattle, Wash.	9	2	4	15
Spokane, Wash.	1	1	1	1
Tacoma, Wash.	0	2	1	1
San Juan, P.R.	5	2	3	2

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages	11,416
4(B) Pneumonia-Influenza Deaths, all ages	422
4(C) Total Deaths under 1 Year of Age	736
4(D) Total Deaths, Persons 65 years and over	6,366

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Erratum:

The epidemiological report, Typhoid Fever – Los Angeles, California, which appeared on page 120, MMWR Vol. 12, No. 14 (April 12, 1963), incorrectly identified the Los Angeles County Health Department as the investigating agency.

This outbreak was principally investigated by the Los Angeles City Health Department under the direction of Dr. Herbert Cowper, in charge of the Communicable Disease Control Unit.

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel
1962 Edition
Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

CITY:	Chicago, Illinois
CENTER:	Chicago Board of Health O'Hare International Airport Tel. 686-2200
CLINIC HOURS:	Friday, 10-11 a.m., registration 9:45 a.m.
FEE:	No

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Editor, Morbidity and Mortality Weekly Report
Communicable Disease Center
Atlanta 22, Georgia

The Morbidity and Mortality Weekly Report is published by by the Communicable Disease Center, Atlanta, Georgia, and as of May 3, 1963, had a circulation of 10,400 copies.

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